

# Specifications for the BC-501/CRC Asphalt Distributor

## TANK

### Capacity/Construction

- Elliptical shape
- 1000 to 5000 gallon capacity with all seams electrically welded, both sides
- 10 gauge steel with 8 gauge rolled heads and baffles with staggered openings
- Mineral wool 2" insulation with 0.04" aluminum jacketing
- Sampling valve
- 24" no-slip, grip-strut on catwalk, and on rear and top mounted ladder
- Rollover protection built to USDOT specification 49-CFR 173.247
- Tank mounting is single blade bolster design

### Manhole

- Overflow well with 3" drain
- 20" diameter manhole with hinged, quick-opening cover fitted with high temperature gasket

### Gauge

- Float type gauge with 50 gallon increments readable from ground and cab rear view mirror
- Measuring stick with 50 gallon increments

### Miscellaneous

- Dial and pencil thermometer
- Aluminum fenders (single or tandem)
- Tool box

## CIRCULATING SYSTEM

- Fill line with quick connect coupler
- Heated asphalt pump rated at 400 GPM
- Heated rear tank valve
- Distributing lines are high temperature hoses and "O" ring seals from circulating system to spray bar
- Hand spray system with 50' x 3/4" flexible hose and aluminum wand with cold handle and 2 nozzles. System is reel mounted with a swivel connection.

## HEATING SYSTEM

- LPG or diesel burner
- One or two stainless steel, full 8" flues
- Diesel, LPG

## FLUSH SYSTEM

- 30 gallon on-board tank provides heated reusable solvent for cleaning delivery system
- 10 gallon washdown

## SPRAYBAR

- Full circulating spraybar with hydraulic wings, bar lift and shift with switches front and rear
- 12' spray bar with 8' center section with two 2' folding wings
- Double wings available to 24'
- Wings break away forward and backward to prevent damage
- Limit switches to prevent accidental spray when wings are in the upright position
- Internal poppet spray valves on 4" centers
- Nozzles are V-slot brass in various sizes
- Electric air ON-OFF in 1' increments
- Bar latches for travel

## POWER SYSTEM

- PTO, RPTO or crank shaft driven hydrostatic pump driving hydraulic motor direct-coupled to 400 GPM asphalt pump
- 20 gallon hydraulic fluid reservoir with sight level gauge

## CONTROLS

### Cab Controls

- CRC system with digital readout  $\pm 1\%$  per square yard
- Computer control of all distributor functions (spread rates within 0.01 gallon)
- Circulate/spray master switch
- Magnetic speed measurement
- Spraybar hydraulic controls
- Four-way mirror

### Rear Controls

- Provides remote tank valve control
- Spraybar hydraulic controls

## EXTERNAL WASHDOWN

- 10 gallon air pressurized tank dispenses biodegradable solvents

## OPTIONS

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